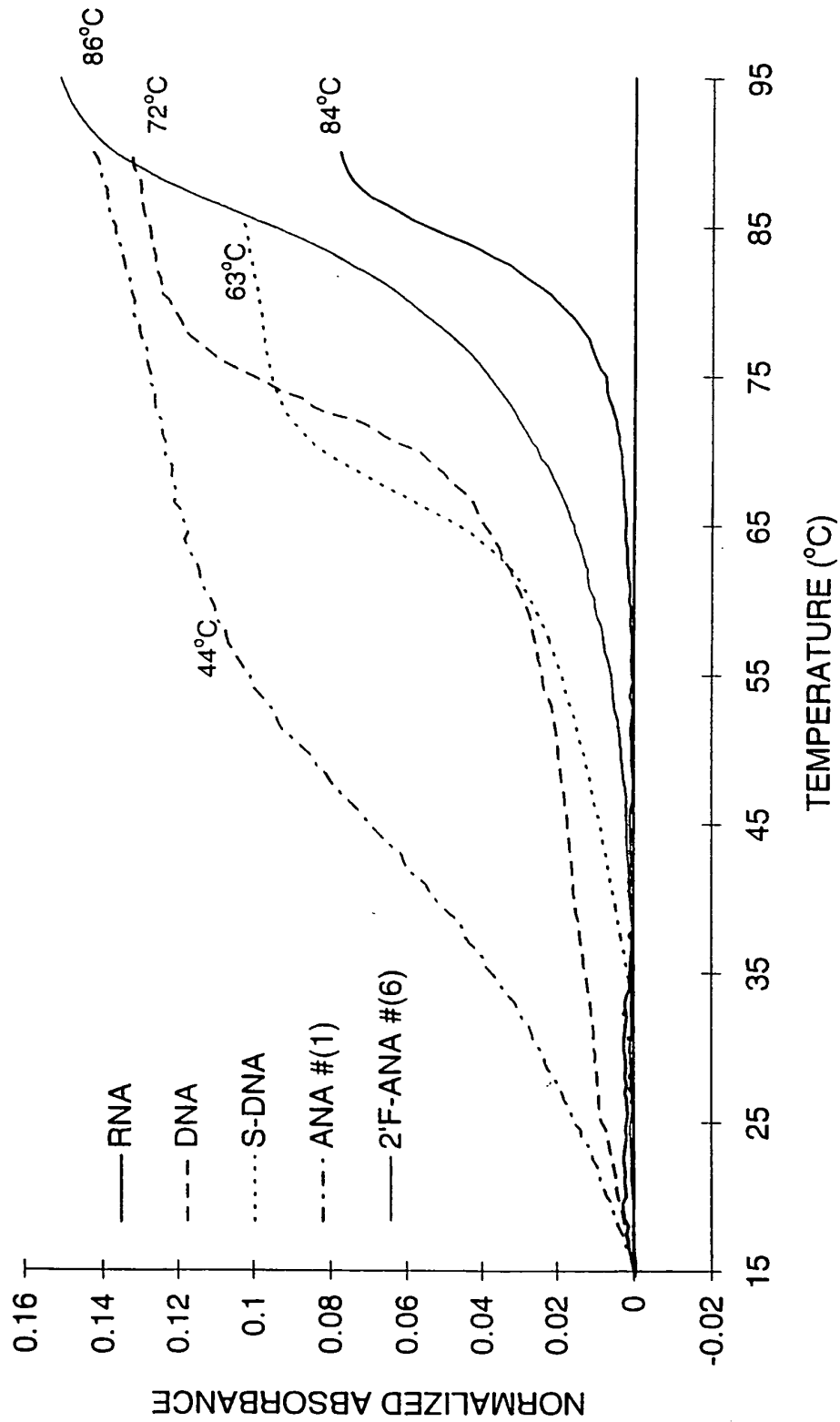


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ASSOCIATION TO SINGLE STRANDED RNA

Fig.1A

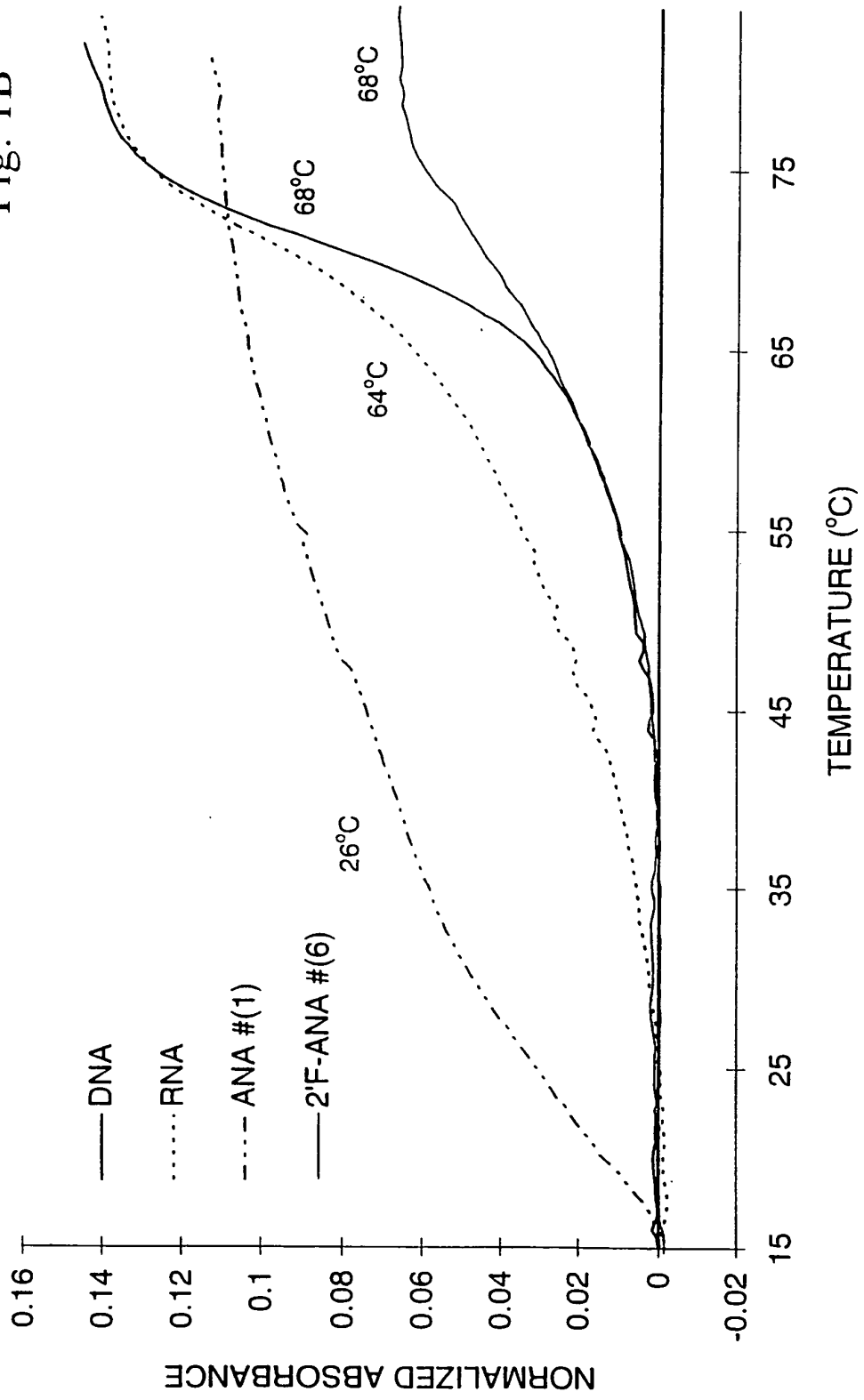


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Fig. 1B

ASSOCIATION TO SINGLE STRANDED DNA



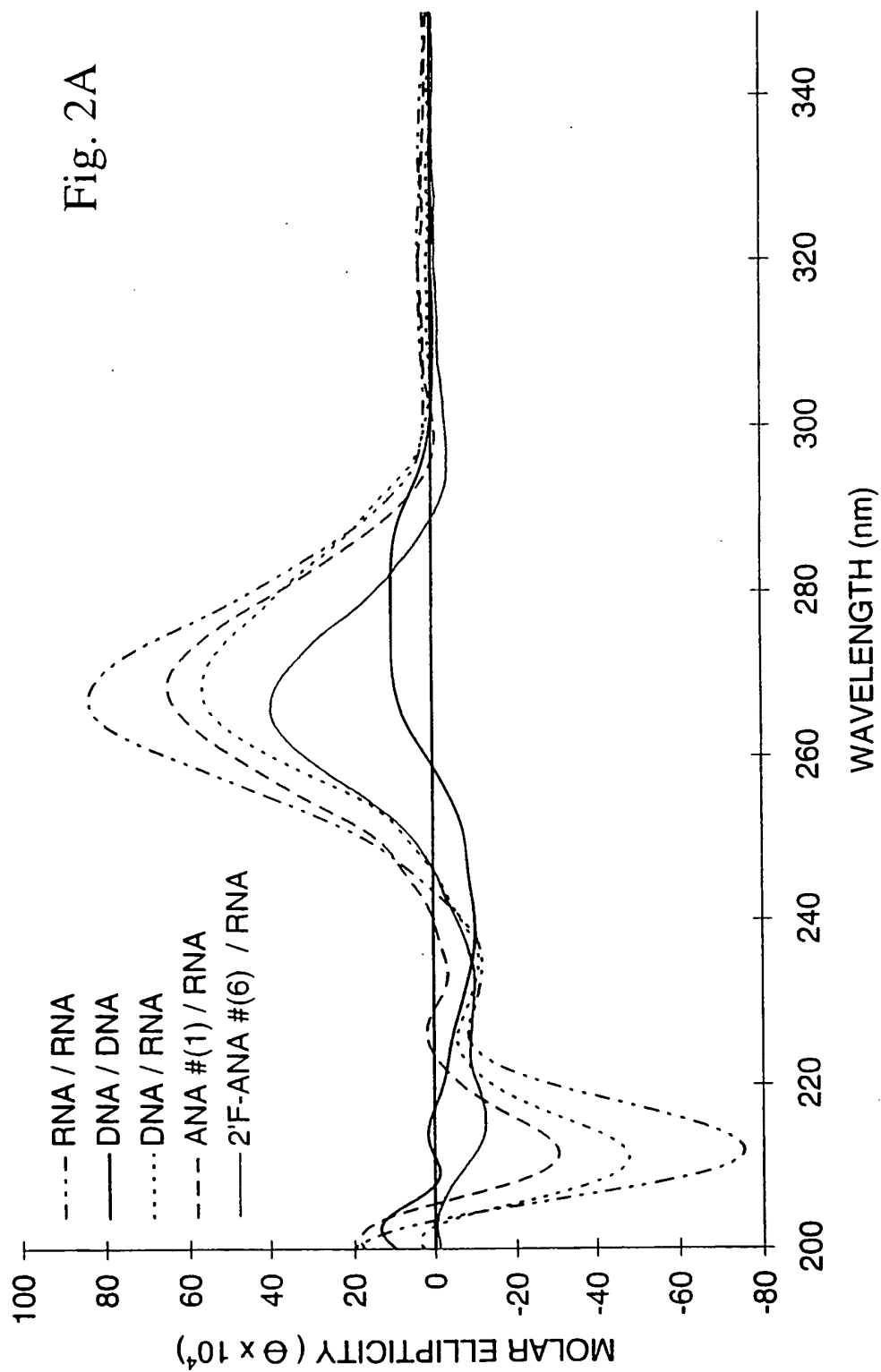
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## CIRCULAR DICHROISM OF DUPLEXES

Fig. 2A



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# CIRCULAR DICHROISM OF DUPLEXES

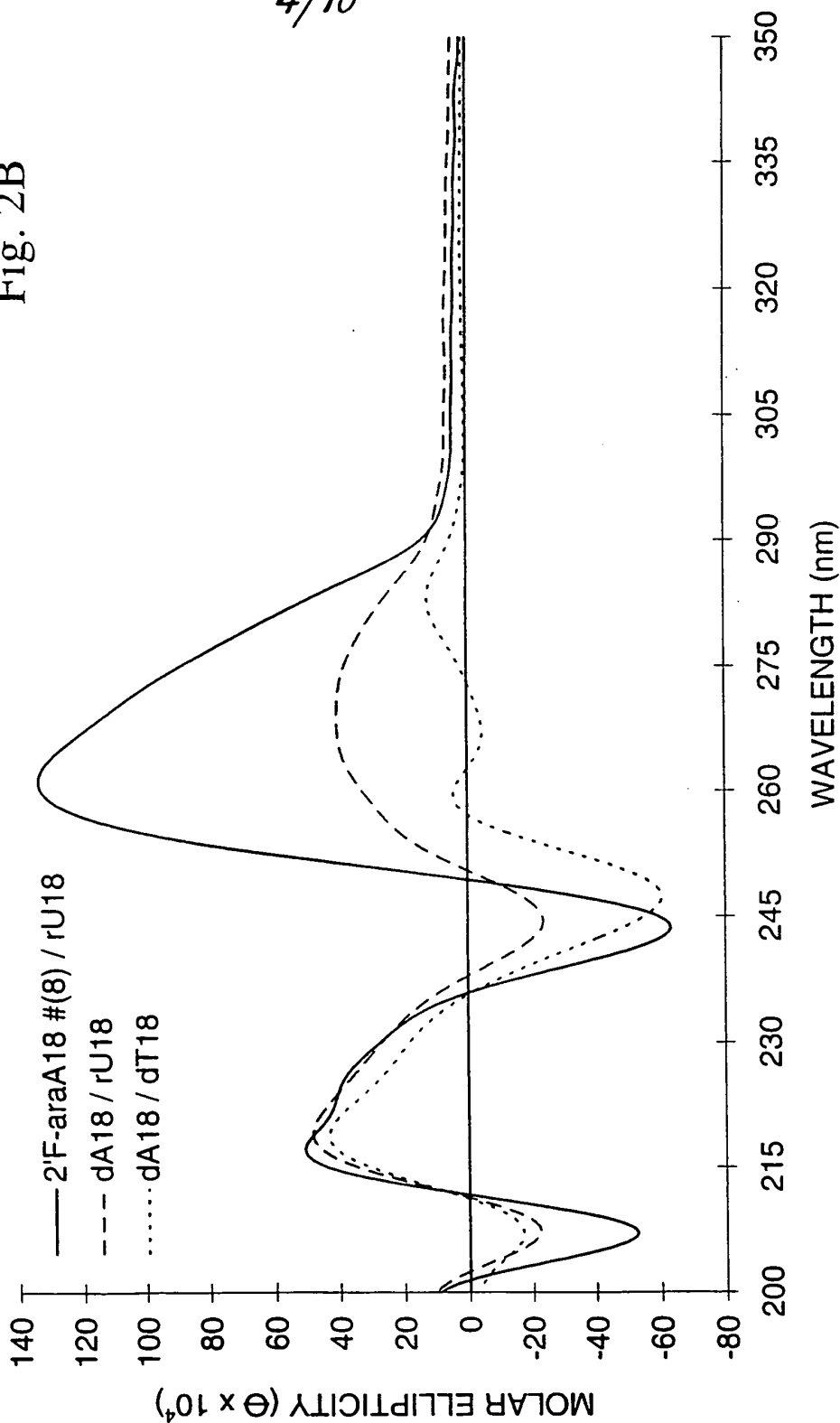
WO 99/67378

PCT/CA99/00571

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Fig. 2B

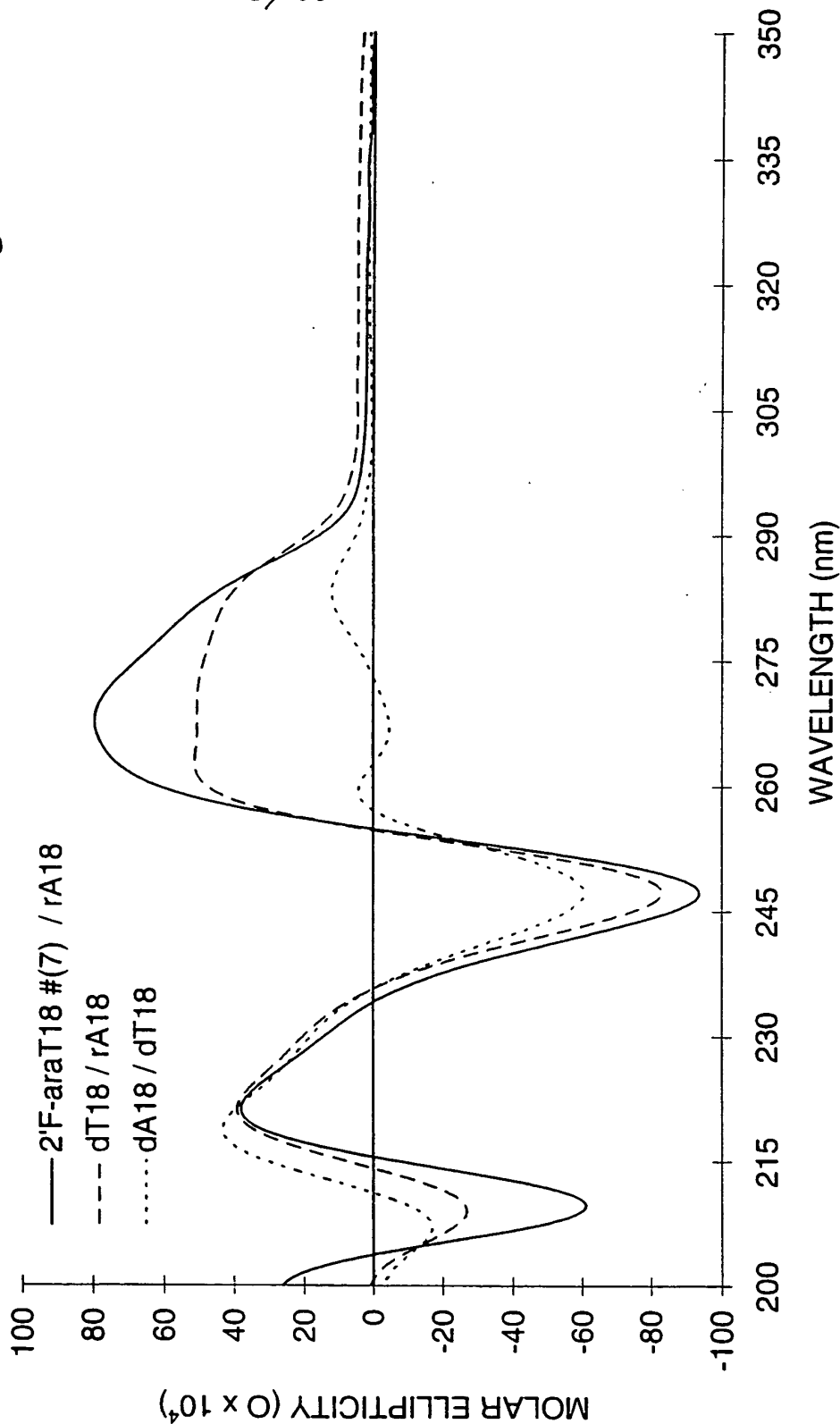


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# CIRCULAR DICHROISM OF DUPLEXES

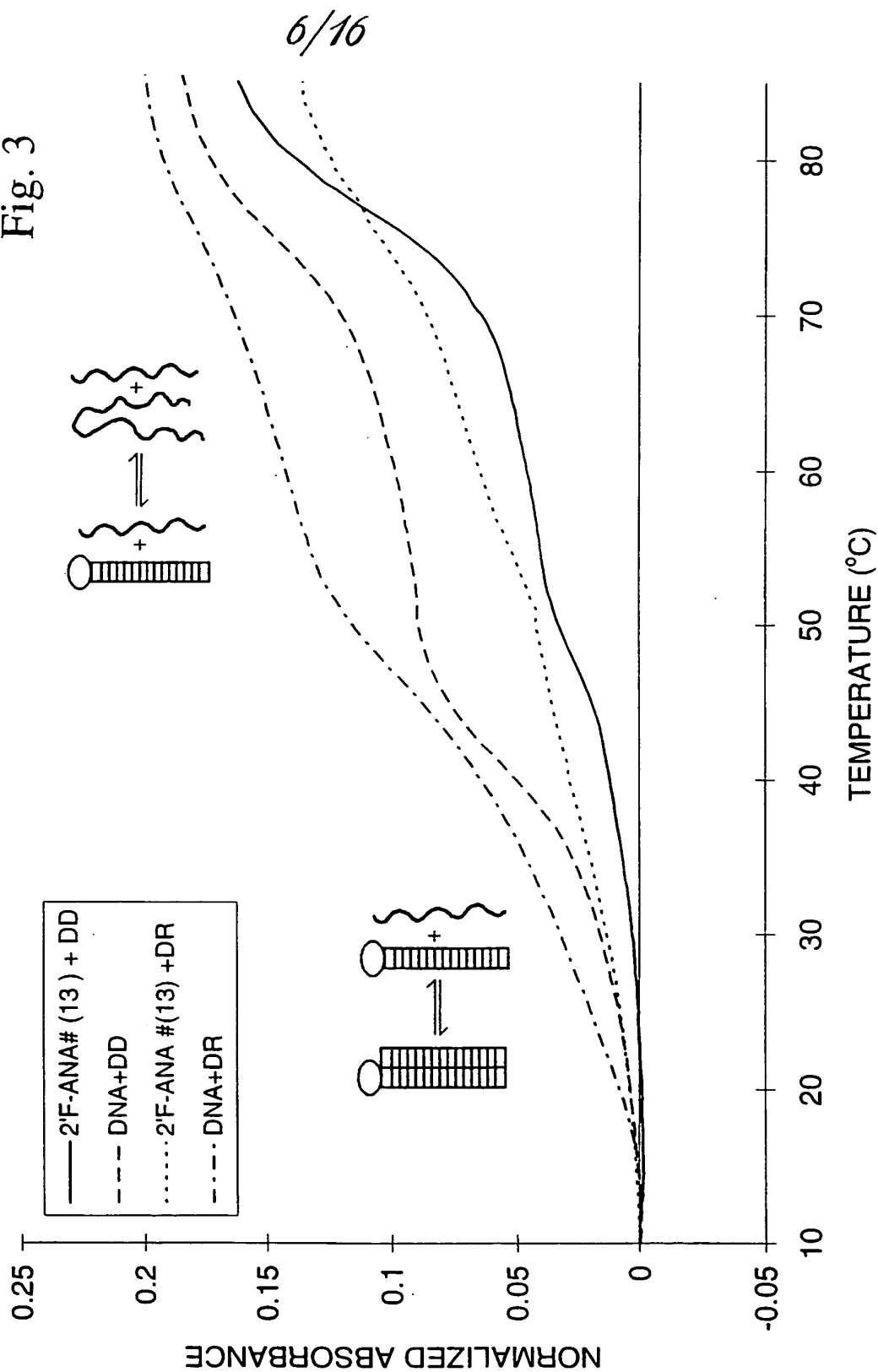
Fig. 2C



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## BINDING OF OLIGONUCLEOTIDES TO HAIRPIN DUPLEXES

Fig. 3



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# GEL MOBILITY SHIFT TRIPLEX ASSAY

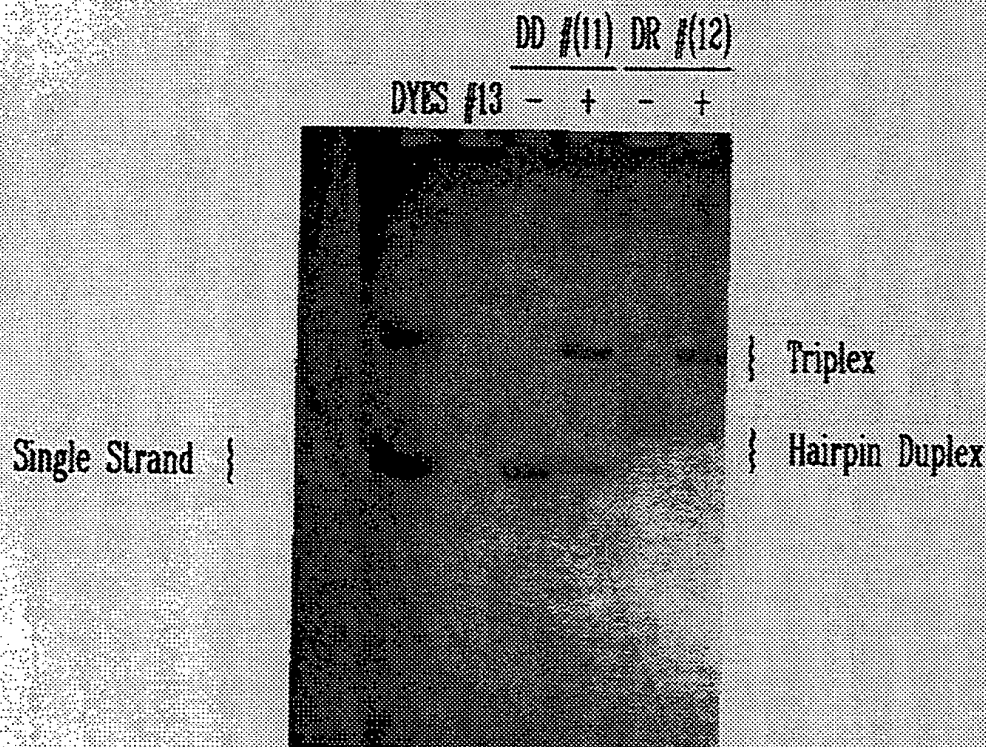
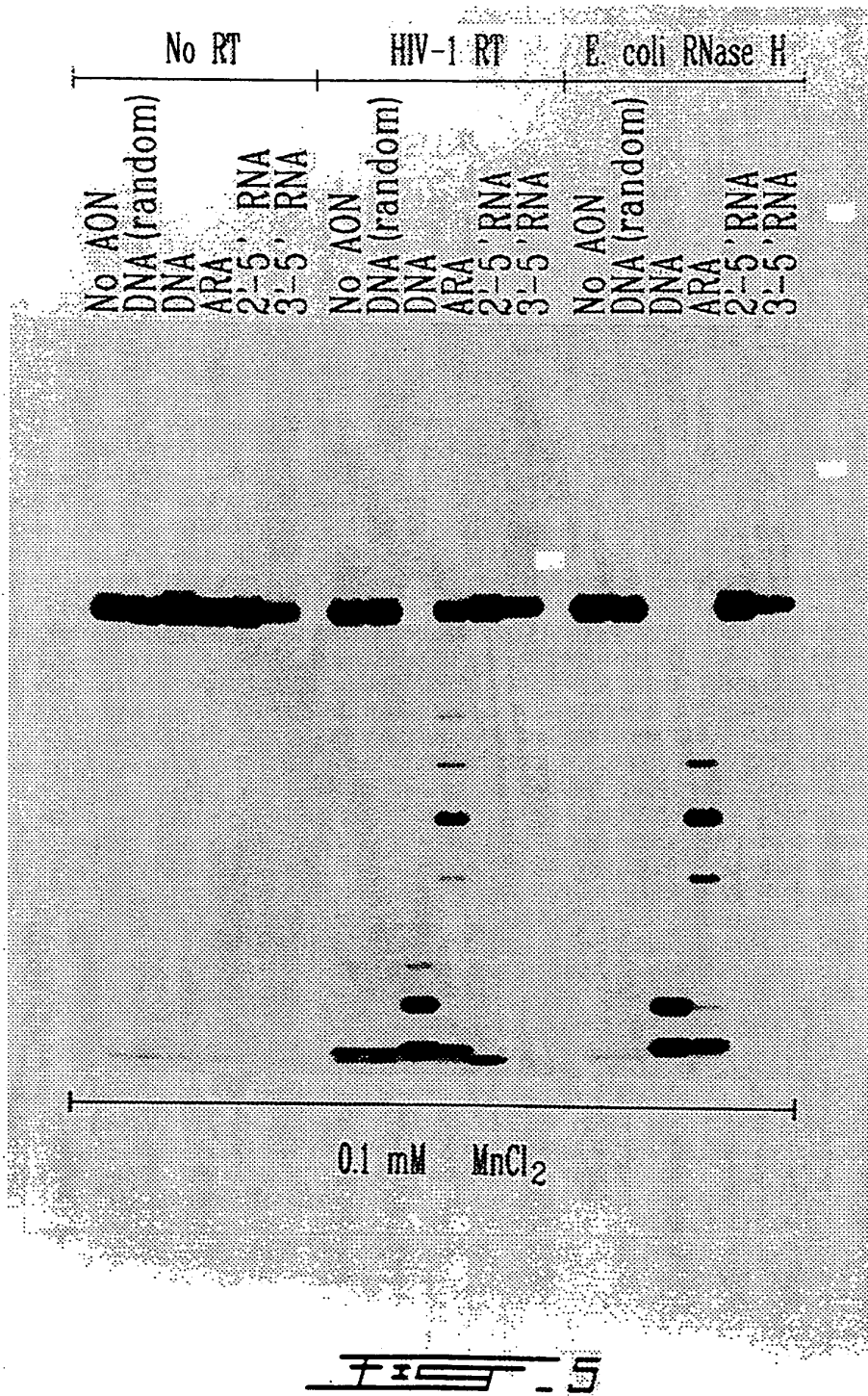


FIG. 4

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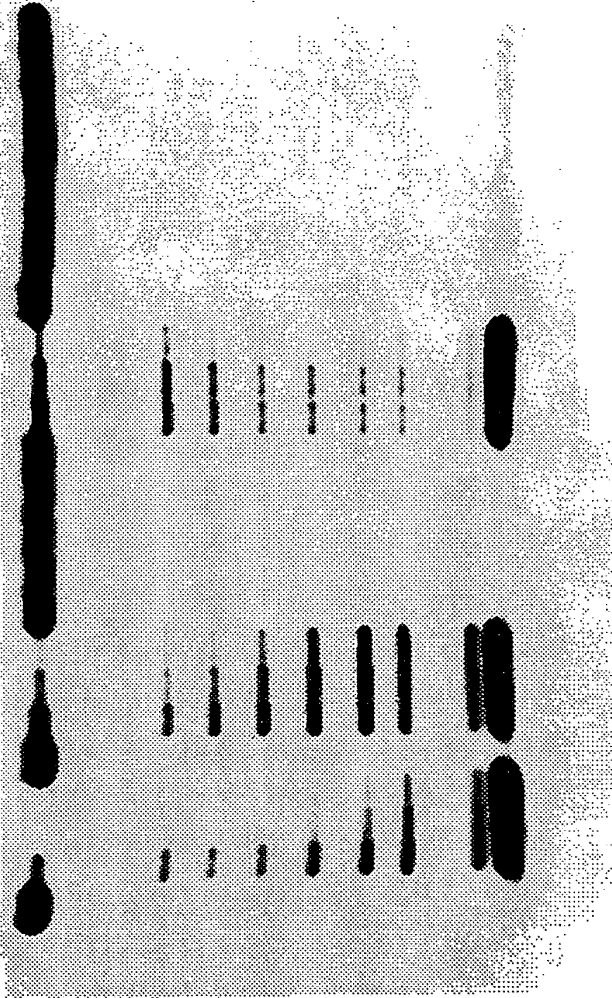


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FOOTNOTES

d<sub>18</sub> d<sub>18</sub> a<sub>18</sub> r<sub>18</sub> r<sub>18</sub> r<sub>18</sub>  
thioate # (3) # (7)

0' 5' 10' 20' 0' 5' 10' 20' 0' 5' 10' 20' 0' 5' 10' 20'



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FO2F40-0286F260

37°C				25°C			
PO-DNA	PS-DNA	2F-ANA	ANA	PO-DNA	PS-DNA	2F-ANA	ANA
(14)				(19)			
RNA				RNA			

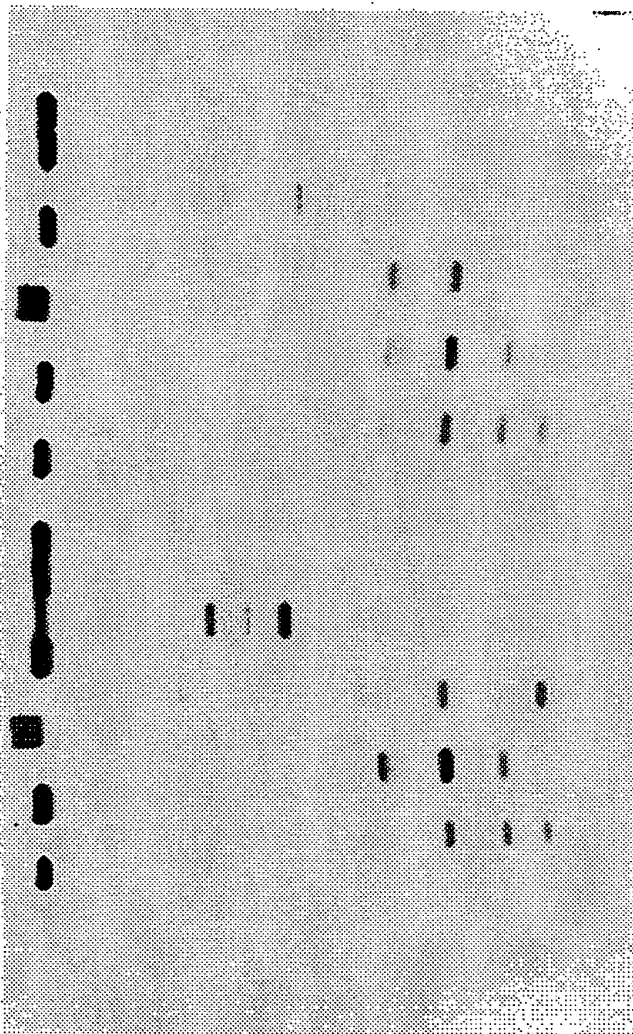


Fig. 7

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dT<sub>18</sub>

aFT<sub>18</sub> # (7)

09719870.041201

TESS

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0919870.0411250

d <sup>18</sup> thioate	d <sup>18</sup>	aU <sub>18</sub> # (3)	aT <sub>18</sub> # (7)	r <sup>18</sup>
0' 10' 20' 30' 60'	0' 10' 20' 30' 60'	0' 10' 20' 30' 60'	0' 10' 20' 30' 60'	0' 10' 20' 30' 60'

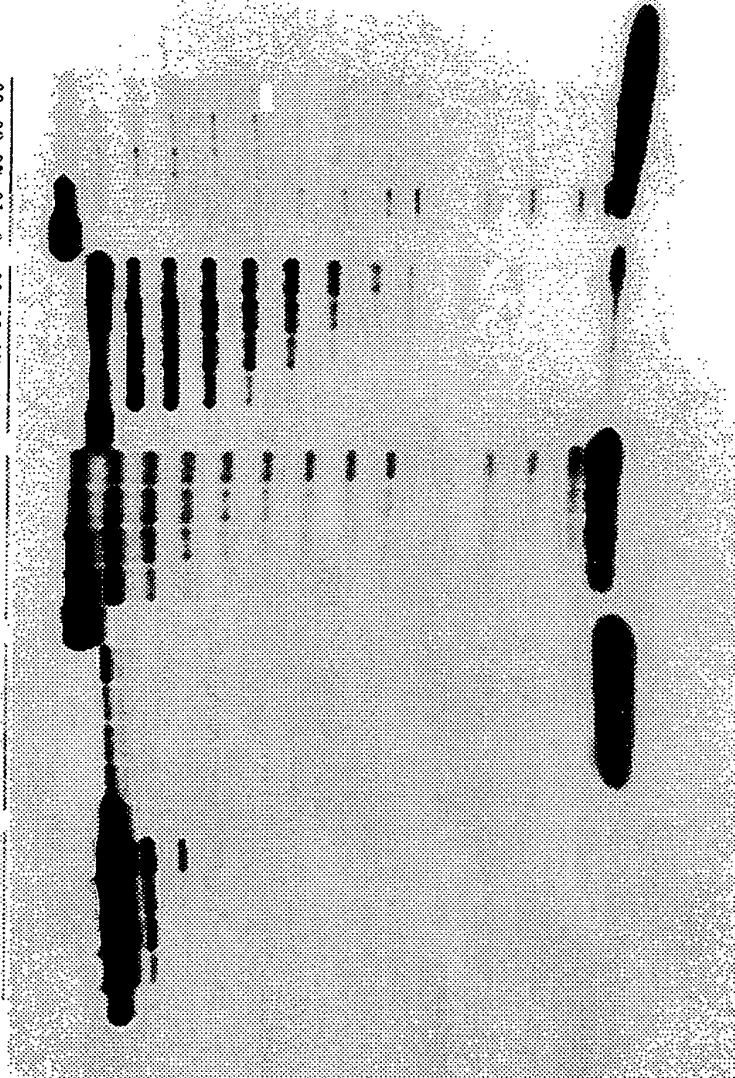
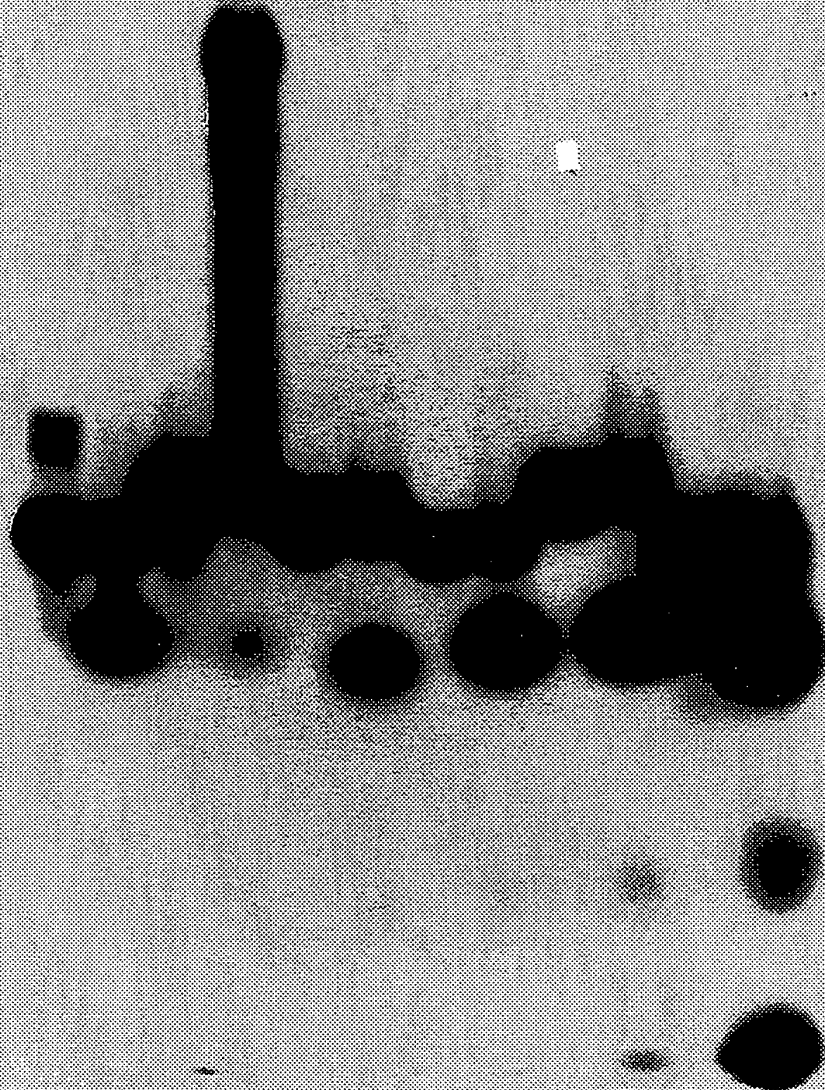


FIG. 9

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dT <sub>18</sub>	dT <sub>18</sub>	aU <sub>18</sub>	aFT <sub>18</sub>	rFT <sub>18</sub>	rU <sub>18</sub>
	thioate	#(3)	#(7)		
-	+	-	+	-	+

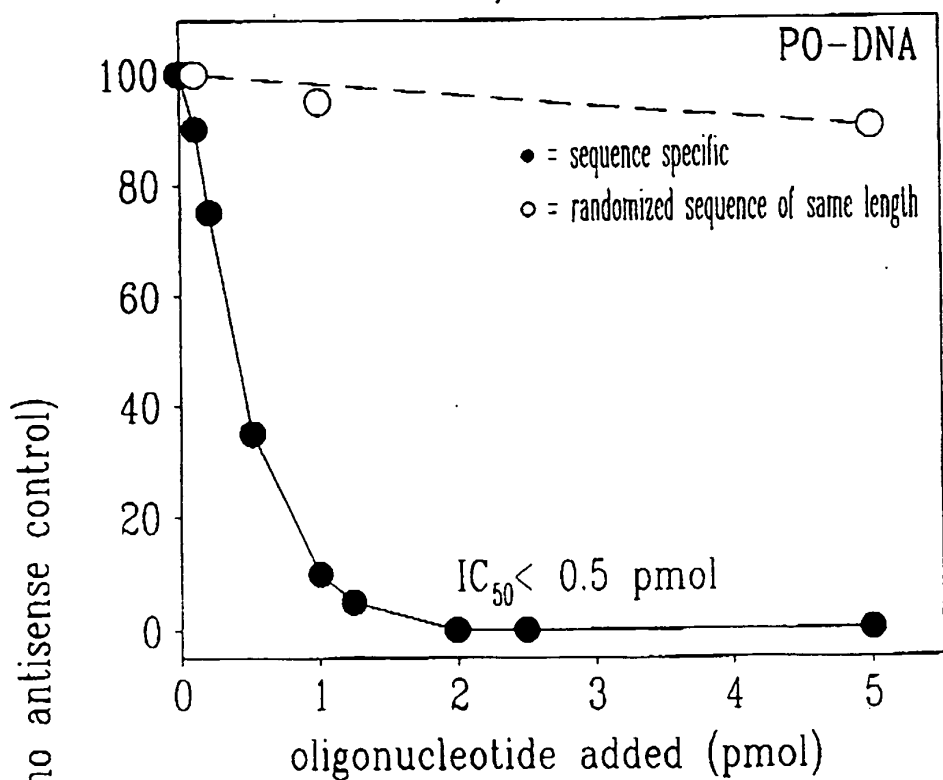
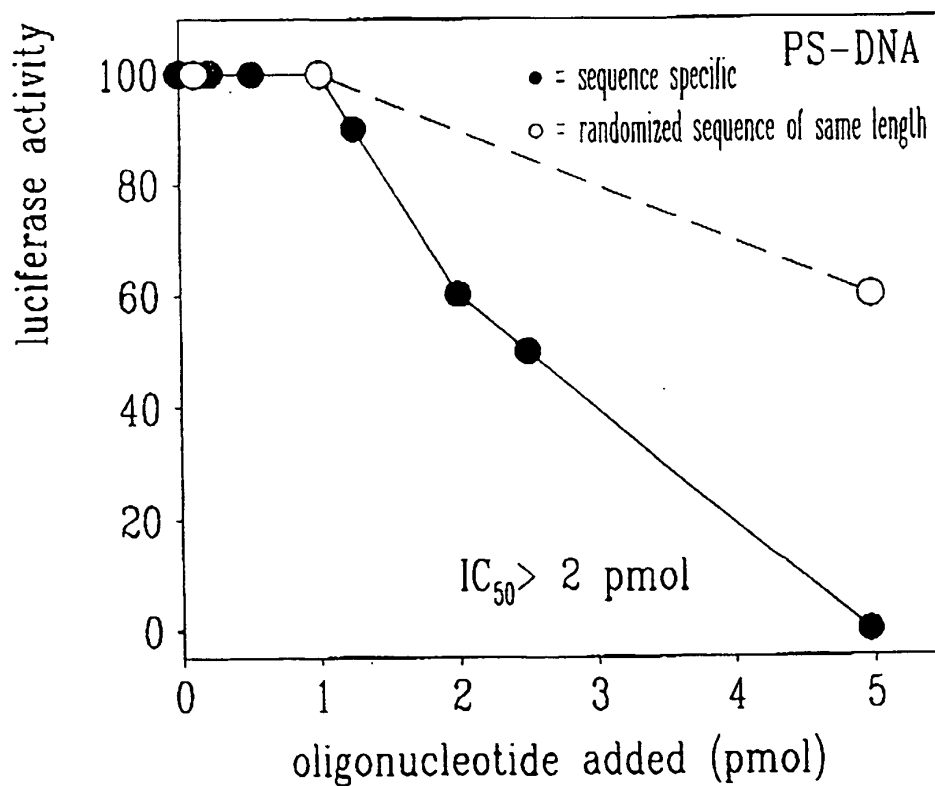


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FIG. 10

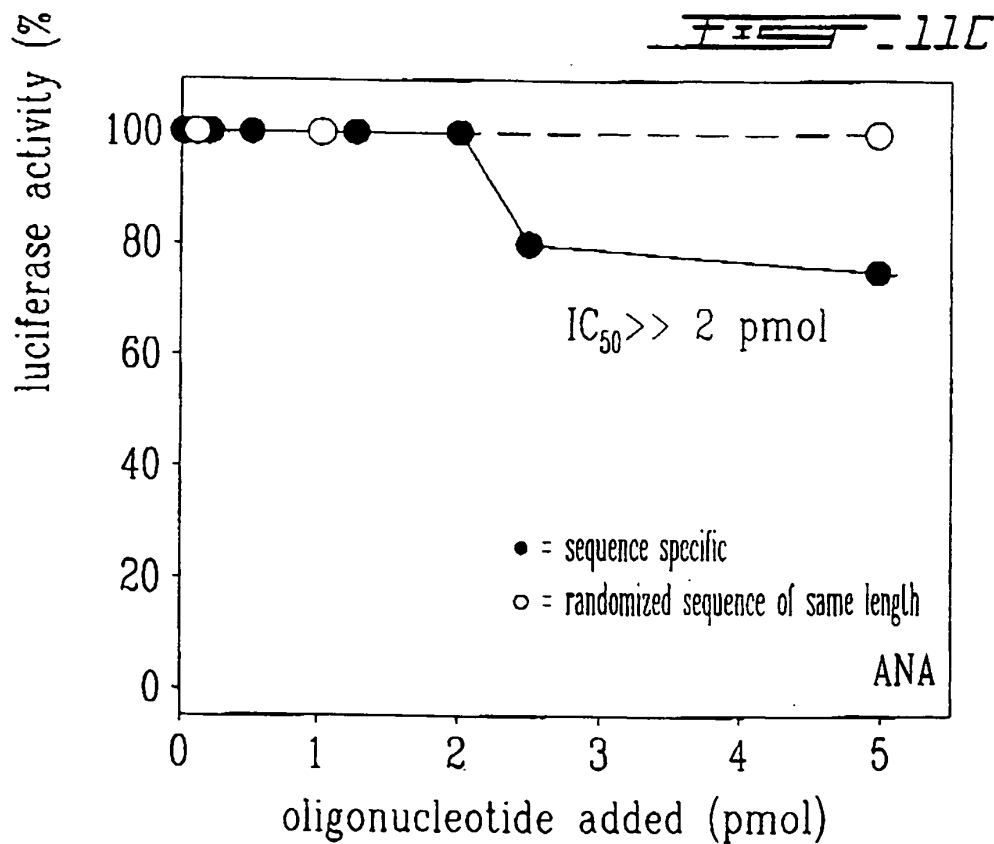
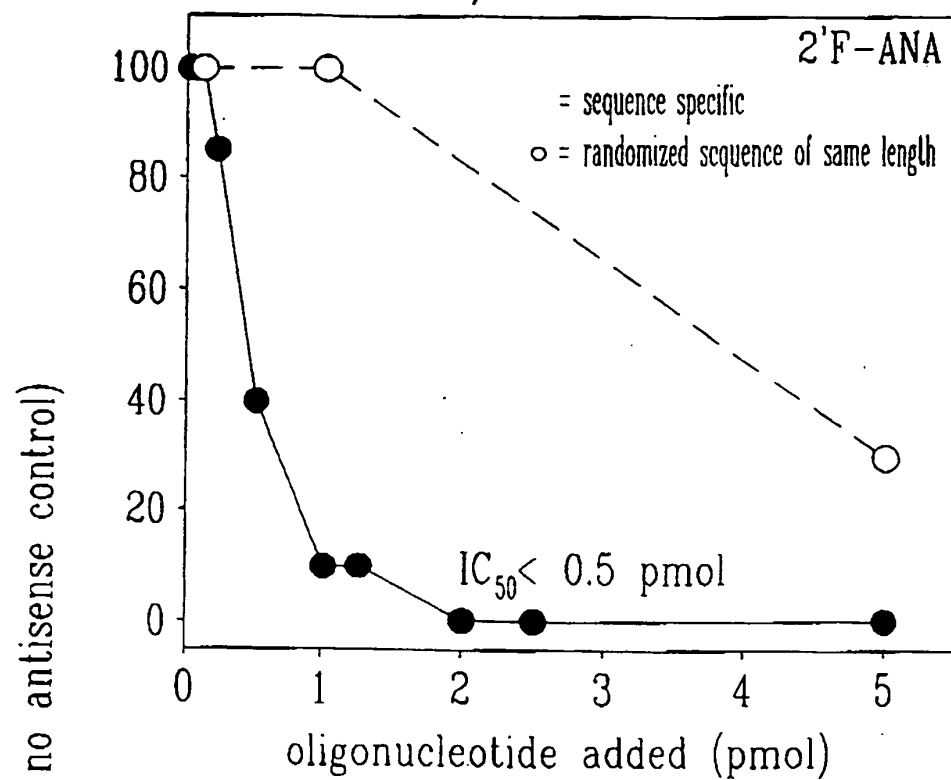
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FIG. 11AFIG. 11B

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AON effect on luciferase expression in Hela X1/5 cells and AON-induced cell toxicity

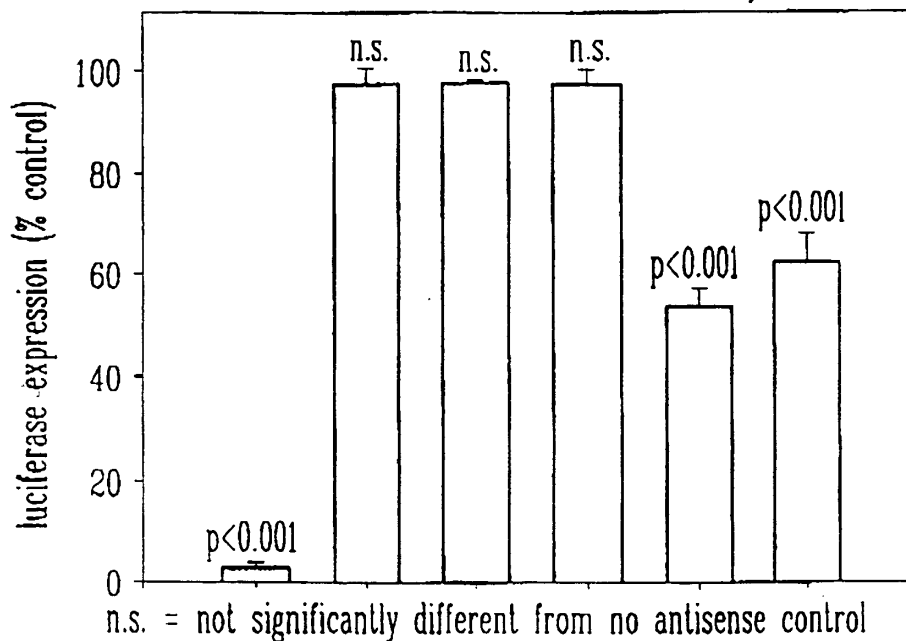


FIG. 12A

AON effect on luciferase expression in Hela X1/5 cells and AON-induced cell toxicity

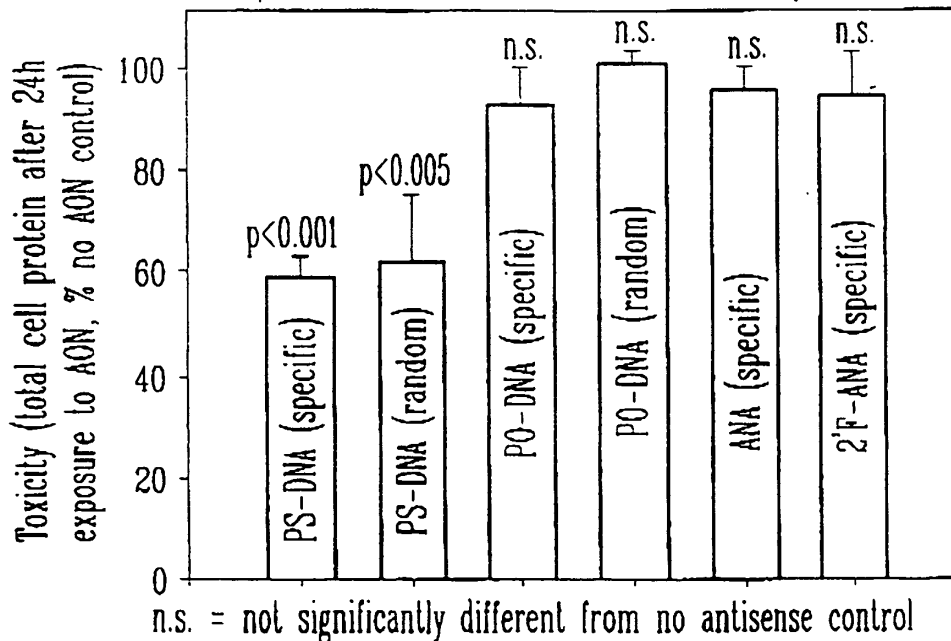


FIG. 12B